

VOROSHILOVA, M.K.; ~~BALAYAN~~, M.S.; TOLSKAYA, E.A.; YUROVETSKAYA, A.I.

Relationships between neurovirulence and antigenic and other properties of type 2 poliovirus strains. Acta virol. 7 no.3:286 My '63.

1. Institute of Poliomyelitis and Viral Encephalitides, U.S.S.R.  
Academy of Medical Sciences, Moscow,  
(POLIOVIRUS) (ANTIGENS) (NERVOUS SYSTEM)

VOROSHILOVA, Marina Konstantinovna; ZHEVANDROVA, Vera Ivanovna;  
BALAYAN, Mikhail Surenovich; KAROV, I.I., red.

[Methodology of laboratory diagnosis of enterovirus  
infections] Metody laboratornoi diagnostiki enterovirus-  
nykh infektsii. Moskva, Meditsina, 1964. 151 p.  
(NIRA 17:6)

BALAYAN, M.S.; PANOSYAN, G.A.

Differential sensitivity of poliovirus strains to toluene.  
Acta virol. (Praha) [Eng.] 9 no.1:93 Ja '65

1. Institute of Poliomyelitis and Viral Encephalitides, U.S.S.R.  
Academy of Medical Sciences, Moscow.

VOROSHILOVA, Marina Konstantinovna; ZHEVANDROVA, Vera Ivanovna;  
BALAYAN, Mikhail Surenovich; KARON, I.I., red.

[Methods for the laboratory diagnosis of enterovirus  
infections] Metody laboratornoi diagnostiki enterovirus-  
nykh infektsii. Moskva, Meditsina, 1964. 151 p.  
(MIRA 18:2)

GRIGORYAN, S.S.; BALAYAN, M.V.

Comparative evaluation of the effect of different preserving solutions on some factors of the blood coagulation system during different periods of storage. Zhur. eksp. i klin. med. no. 6:73-77 '63 (MIRA 17:4)

1. Institut gematologii i perelivaniya krovi Ministerstva zdravookhraneniya Armanyskoy SSR.

ACC NR: AP6020679

SOURCE CODE: UR/0016/66/000/006/0032/0036

AUTHOR: Fayn, V. I.; Balayan, V. D.; Meshalova, A. N.

ORG: Moscow Vaccine and Serum Institute (Moskovskiy institut vaktsin i syvorotok im. Mechnikova)

TITLE: Determining immunogenic properties of oral corpuscular typhoid vaccine

SOURCE: Zh mikrobiol, epidemiol i immunobiol, no. 6, 1966, 32-36

TOPIC TAGS: immunology, vaccine, immunogenesis, oral vaccine, ~~heat-killed vaccine, animal disease, human disease~~ typhoid, BACTERIAL DISEASE

ABSTRACT:

Heated typhoid vaccine was given orally and subcutaneously to mice in one and two steps. In single subcutaneous immunization the mean immunizing dose ranged between 0.1-0.88 billion cells and in oral administration the mean immunizing dose was 400-500 times the subcutaneous dose. Two immunizations were not more effective than one. Orig. art. has: 2 tables.

[W.A. 50; CBE No. 10]

SUB CODE: 06/ SUBM DATE: 28Aug65/ ORIG REF: 005/ OTH REF: 001/

UIC: 005.371-032:616.311-07:616.927-07-078

BALAYAN, Ye.I., inzhener.

Standardisation of parts. Det. khor. igr. no.1:42-43  
'55.

(MLRA 10:2)

(Toys)

1. BALAYANTS, A.
2. USSR (600)
4. Labor and Laboring Classes - Dwellings
7. Workers' housing and living conditions, Zhil.-korm. khoz, 3, no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

BALAYANTS, A., zaveduyushchiy.

Be mindful of the training of communal cadres. Zhil.-kom. khoz. 3 no.6:  
12-16 Je '53. (MLRA 6:7)

1. Stavropol'skiy kraevoy otдел kommunal'nogo khozyaystva.  
(Communal services--Study and teaching)

BALAYANTS, A.

Past and present of the cities and towns of Stavropol Territory.  
Zhil.-kon.khos. 7 no.9:3-6 '57. (MIRA 10:10)

1.Zaveduyushchiy Stavropol'skim krayevym etdelen kommunal'nogo  
khozaystva.

(Stavropol Territory--Cities and towns)

BALAYANTS, A.

Active participation of residents is growing. Zhil-kom. khos. 13  
no.5:12-13 My '63. (MIRA 16:8)

1. Zaveduyushchiy Stavropol'skim krayevym (promyshlennym)  
otdelom kommunal'nogo khozyaystva.  
(Stavropol Territory—Apartment houses—Maintenance and  
Repair)

KUBARKIN, Leontiy Vladimirovich; BALAYEV, A.A.. red.; ATROSHCHENKO, L.Ye..  
tekhn.red.

[Invisible scouts; radar] Nevidimye razvedchiki; radiolokatsia.  
Moskva, Izd-vo "Znanie," 1959. 37 p. (MIRA 14:1)  
(Radar)

MATSKEVICH, Vladimir Vladimirovich; SIMONYAN, M.N., otv. za vypusk;  
BALAYEV, A.A., red.; KOGAN, Ye.L., red.; SAVCHENKO, Ye.V.,  
tekhn.red.

[Lenin's "cooperative plan" and the struggle of the Communist Party for the rapid development of agriculture] Leninskii kooperativnyi plan i bor'ba kommunisticheskoi partii za krutoi pod'em sel'skogo khoz'istva; lektsiia iz tsikla "Leninskikh chtenii," pročitannaia v Kremlevskom teatre g. Moskvy. Moskva, Izd-vo "Znanie," 1960. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniuiu politicheskikh i nauchnykh znanii, Ser.12, Bibliotekhka sel'skogo lektora, no.11). (MIRA 13:8)

1. Ministr sel'skogo khozyaystva SSSR (for Matskevich).
  2. Referent Pravleniya Vsesoyuznogo obshchestva po rasprostraneniuiu politicheskikh i nauchnykh znaniy (for Simonyan).
- (Cooperation) (Agriculture)

ALAN, A. ...  
ARKHANOVL'SKIY, B.Ye., inshener; ~~BALAYEV, A.S.~~, inshener; SENKOVICH, G.A.,  
inshener; IZOTOV, A.Ye., inshener, redaktor; KRYUKOV, V.L.,  
redaktor; ORLOVA, V.V., tekhnicheskiy redaktor

[KD-35 tractor] Traktor KD-35. Pod red. A.E. Izotova. Moskva, Gos.  
isd-vo sel'khoz. lit-ry, 1951. 576 p. (MLRA 10:9)  
(Caterpillar tractors)

BALAYEV, A. S.

Traktory KD-35 i KDF-35 (Tractors KD-35 and KDF-35, by) B. Ye. Arkhangel'skiy,  
A. S. Balayev, G. A. Senkevich. 2y izd. pod red A. Ye. Zotov. Moskva, Selkhozgiz, 1953.  
543 p. illus., diagra., tables.  
At head of title: Lipetskii traktornyy zavod.

N/5  
662.115  
.A7  
1953

ARKHANOVL'SKIY, B.Ye., inzhener; BALAYEV, A.S., inzhener; SEMENOVICH, G.A.,  
inzhener; IZOTOV, A.Ye., inzhener, redaktor; KRYUKOV, V.L., redaktor;  
FEDOTOVA, A.F., tekhnicheskiy redaktor

[The Tractors KD-35 and KDP-35] Traktory KD-35 i KDP-35. 3-e izd.  
Pod red. A.N. Isotova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1954.  
552 p. (MIRA 8:4)  
(Caterpillar tractors)

~~BALAYEV, Aleksandr Stepanovich~~, inzhener; ARKHAMOEL'SKIY, B.Ye., inzhener;  
SERKEVICH, G.A., inzhener; KRYUKOV, V.L., redaktor; BALLOD, A.I.,  
tekhnicheskii redaktor

[D-38 engine] Dvigatel' D-38. Moskva, Gos.izd-vo sel'khoz.lit-ry,  
1957. 223 p. (MIRA 10:11)  
(Tractors--Engines)

ARKHANGEL'SKIY, Boris Yevgrafovich, inzhener; ~~BALAYEV, A.S.~~, inzhener;  
SENKOVICH, G.A., inzhener; KRYUKOV, V.L. redaktor; PAVLOVA, M.M.,  
tekhnicheskii redaktor.

[KDP - 35 tractor manual] Rukeyvedstve po traktoru KDP - 35.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1957. 360 p. (MLRA 10:4)  
(Tractors)

BALAYEV, D.N.; BEZUKLADOV, V.F.; DEREVIYANKO, Yu.G.; IOFFE, A.F.; ISAKOV, I.S.;  
KATTS, H.V.; MOISEYEV, A.A.; NEGANOV, V.I.; NOVOZHILOV, V.V.;  
PAVLENKO, G.Ye.; PERSHIN, V.I.; POPOV, V.F.; RETIVOV, V.S.

Seventy-fifth birthday of Academician Iulian Aleksandrovich  
Shimanskii. Sudostroenie 24 no.12:66-67 D '58.

(MIRA 12:2)

(Shimanskii, Iulian Aleksandrovich, 1883-)

BUTOMA, B.Ye.; SOKOLOV, P.A.; BALAYEV, D.N.; SERGEYEV, N.M.; SHUMSKIY, K.A.;  
TYAPKIN, M.Ya.; SHIRNOV, V.A.; PIROGOV, N.I.; FEDOROV, N.A.;  
GOLYASHKIN, G.S.; KUZ'MIN, A.P.; AKULINICHEV, V.P., brigadir; GORBENKO,  
Ye.M.; BYSTREVSKIY, L.M., inzh.; STEPANOV, P.S., brigadir; Us, I.S.,  
brigadir-sudosborshchik, deputat Verkhovnogo Soveta SSSR; USTINOV,  
P.D., slesar'-sborshchik; FINOGENOVA, N.Ya., tokar'; LERNER, M.;  
ALEKSEYEV, R.Ye.; SIVUKHIN, K., starshiy master; OSTAF'YEV, A.I.;  
TROFIMOV, B.A., inzh.; KOVRYZHKIN, V.F., inzh.; MOISEYEV, A.A., prof.;  
GOLUBEV, N.V.; MOGILEVICH, V.I.; ANDRYUTIN, V.I.; ANDRIYEVSKIY, M.I.;  
MATSKEVICH, V.D., dots.

Shipbuilders prepare for the 21st Extraordinary Congress of the CPSU.  
Sudostroenie 25 no.1:1-25 Ja '59. (MIRA 12:3)

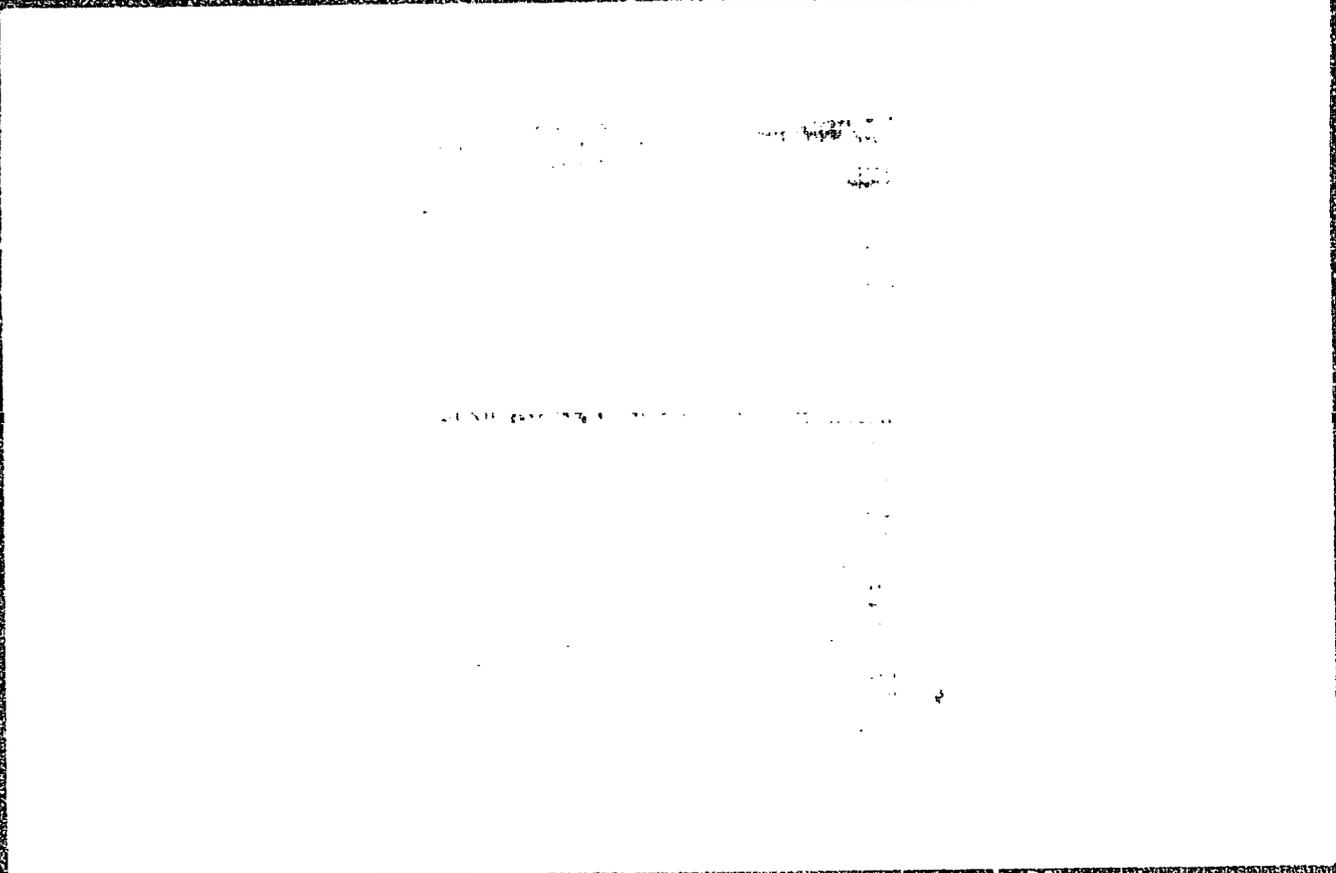
1. Predsedatel' Gosudarstvennogo komiteta Soveta Ministrov SSSR po sudostroyeniyu, ministr SSSR (for Butoma).
  2. Nachal'nik upravleniya sudostroitel'noy promyshlennosti Lensovnarkhoza (for Sokolov).
  3. Direktor Baltiyskogo sudostroitel'nogo zavoda im. S.Ordzhonikidze (for Balayev).
  4. Nachal'niki tsakhov Baltiyskogo sudostroitel'nogo zavoda im. S. Ordzhonikidze (for Sergeyev, Shumskiy).
  5. Nachal'nik mekhanicheskogo tsakha Baltiyskogo sudostroitel'nogo zavoda im. S. Ordzhonikidze (for Tyapkin).
- (Continued on next card)

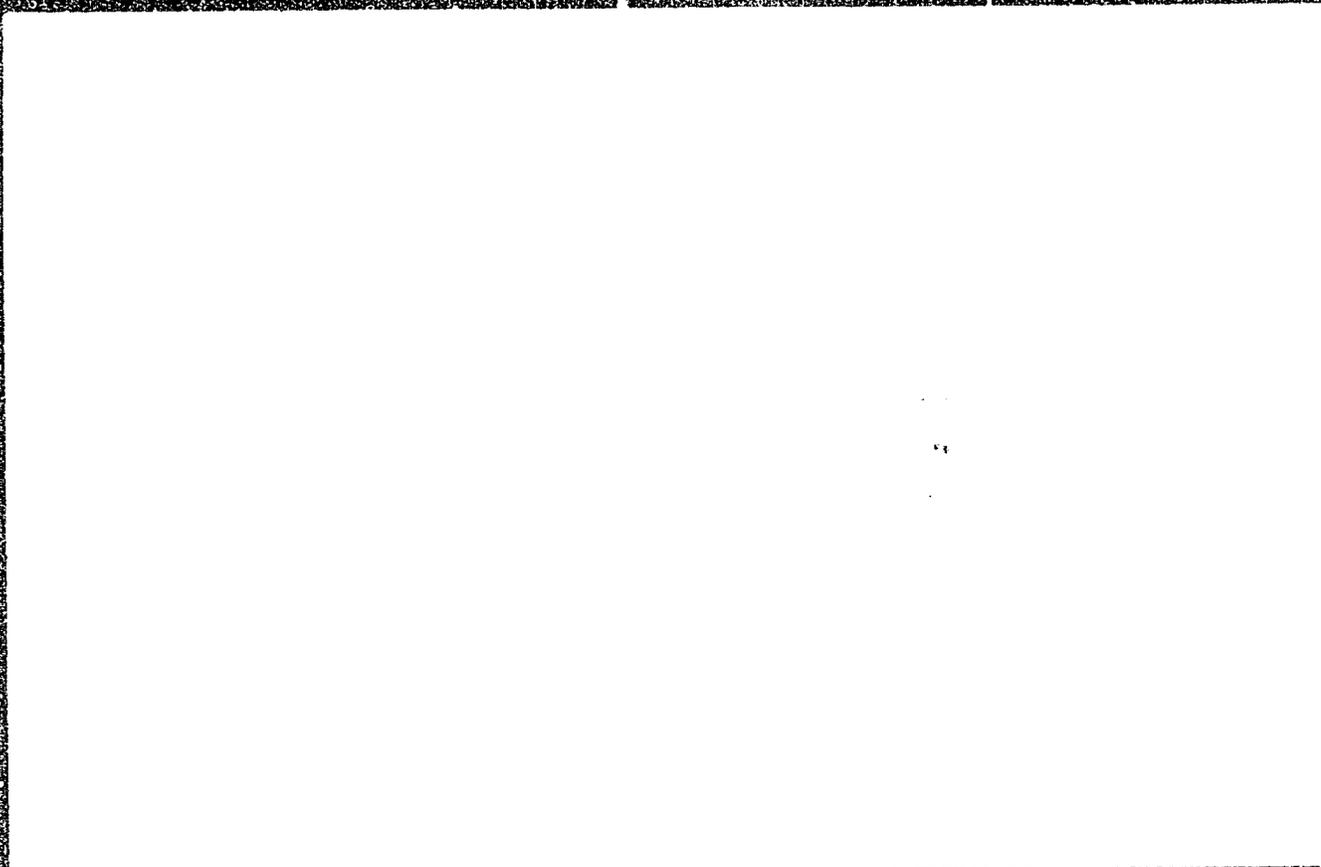
BUTOMA, B.Ye.---(continued) Card 2.

6. Brigada kommunisticheskogo truda Baltiyskogo sudostroitel'nogo zavoda im. S. Ordzhonikidze (for Smirnov). 7. Glavnyy inzhener Admiralteyskogo sudostroitel'nogo zavoda, Leningrad (for Pirogov). 8. Glavnyy inzhener sudostroitel'nogo zavoda im. A.A. Zhdanova (for Fedorov). 9. Nachal'nik elektrodnoy tsekha Sudostroitel'nogo zavoda im. A.A. Zhdanova (for Golyashkin). 10. Nachal'nik tsekha kommunisticheskogo truda sudostroitel'nogo zavoda im. A.A. Zhdanova (for Kus'min). 11. Malyarnyy tsakh sudostroitel'nogo zavoda im. A.A. Zhdanova (for Akulinichev). 12. Glavnyy inzhener Nikolayevskogo sudostroitel'nogo zavoda im. I.I. Nosenko (for Gorbenko). 13. Nikolayevskiy sudostroitel'nyy zavod im. I.I. Nosenko (for Bystrevskiy, Us, Ustinov, Pinogenova). 14. Slesarno-sborochnaya brigada Nikolayevskogo sudostroitel'nogo zavoda im. I.I. Nosenko (for Stepanov). 15. Zamestitel'nachal'nika konstruktorskogo byuro sudostroitel'nogo zavoda "Krasnoye Sormovo" (for Lerner). 16. Glavnyy konstruktor konstruktorskogo byuro sudostroitel'nogo zavoda "Krasnoye Sormovo" (for Aleksyev). 17. Sudostroitel'nyy zavod "Krasnoye Sormovo" (for Sivukhin). 18. Direktor sudostroitel'nogo zavoda "Leninskaya kuznitsa" (for Ostaf'yev). 19. Sekretar' partkoma Tsentral'nogo nauchno-issledovatel'skogo instituta (for Trofimov). (Continued on next card)

BUTOMA, B.Ye.--(continued) Card 3.

20. Predsedatel' Leningradskogo oblastnogo pravleniya Nauchno-tekhnicheskogo otdela sudostroitel'noy promyshlennosti (for Moiseyev).
  21. Glavnyye inzhenery Konstruktorskogo byuro (for Golubev, Andryutin).
  22. Glavnyy konstruktor Konstruktorskogo byuro (for Mogilevich).
  23. Nachal'nik Tsentral'nogo tekhniko-konstruktorskogo byuro (for Andriyevskiy).
  24. Zamestital' direktora Leningradskogo korablostroitel'nogo instituta po uchobnoy chasti (for Matskevich).
- (Shipbuilding)





BALAYEV, G.A.; AL'BITSKAYA, V.M.; PETROV, A.A.

Chemistry of organic oxides. Part 19: Reaction of chloroprene  
 $\alpha$ -oxide with ammonia and amines. Zhur.ob.khim. 31 no.5:1524-1528  
My '61. (MIRA14:5)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета.  
(Chloroprene) (Ammonia) (Amines)

BALAYEV, G.A.; AL'BITSKAYA, V.M.; PETROV, A.A.

Chemistry of organic oxides. Part 20; Addition of ethyleneimine  
and ethanolamine to some alka-1, 3-diene oxides. Zhur.ob.khim. 31  
no.6:1861-1869 Je '61. (MIRA 14:6)

1. Leningradskiy tekhnologicheskii institut imeni Lensoveta.  
(Ethanol) (Ethylene oxide)

BALAYEV, G.A.; PETROV, A.A.

Chemistry of organic oxides. Part 22: Addition of hydroxylamine to  $\alpha$ -oxides. Izv.vys.uch.zav.; khim.i khim.tekh. 5 no.4:608-611 '62. (MIRA 15:12)

1. Leningradskiy tekhnologicheskii institut imeni Lensoвета, kafedra organicheskoy khimii.  
(Hydroxylamine)  
(Oxides)

SHALYBKOV, Aleksandr Aleksandrovich; KUZ'MENKO, Vladimir Il'ich;  
BALAYEV, G.A., red.

[Organisation methods for the propaganda of chemical  
knowledge] Metodika organizatsii propagandy khimicheskikh  
znanii. Leningrad, 1964. 37 p. (MIRA 18:3)

GYIRT'S, N.M.; SKRYLOVA, L.V.; KUZ'MINA, L.I.; BELYAYEVA, V.Ye.;  
SYCHEVA, N.A.; BALAYEV, G.A., red.

[ED-5, ED-6, ED-P and ED-L dianc epoxy resins general  
information] Dianovye epoksidnye smoly mark ED-5, ED-6,  
ED-P, ED-I; obshchie svedeniia. Leningrad, Pt.1. 1965.  
14 p. (MIRA 18:7)

BALAYEV, Gurgan Ashotovich; VASIL'YEV, Valeriy Vladimirovich;  
ZUBRITSKIY, M.P., red.

[epoxy resins and compounds and the economic efficiency of  
their use] Epoksidnye smoly i kompaundy i ekonomicheskaya  
effektivnost' ikh primeneniya. Leningrad, 1965. 35 p.  
(MIRA 18:7)

[The text in this block is extremely faint and illegible due to heavy noise and low contrast. It appears to be a multi-paragraph document with several lines of text per paragraph.]

L 39715-66 ENP(j)/FHI(m)/I IJP(c) RM/WW/GD-2

ACC NR: AF6007964

(A)

SOURCE CODES: UR/0191/66/000/003/0017/0019

AUTHOR: Nikolayev, A. F.; Van Er-Ten; Zyryanova, T. A.; Balayev, G. A.; Lobedeva, E. V.; Afanas'yeva, K. S.

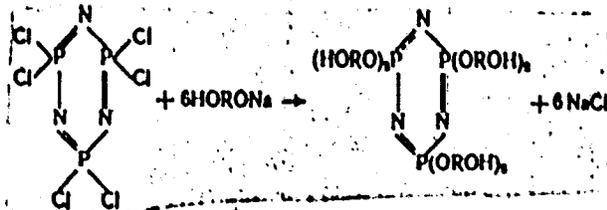
ORG: none

TITLE: Epoxy resins from derivatives of triposponitrile chloride.

SOURCE: Plasticheskiye massy, no. 3, 1966, 17-19

TOPIC TAGS: epoxy plastic, organic synthetic process, heat resistance, thermoplastic material

ABSTRACT: The authors studied the preparation of thermoplastics which could be made from low-molecular-weight compounds during the final preparation of an article. Hexa-glycidyl hexa-m-oxyphenylenetriphosphonitrile (ES-7) was prepared by the reaction of triphosphonitrile chloride with m-dihydroxybenzene in a basic medium:



Card 1/2

UDC: 678.85

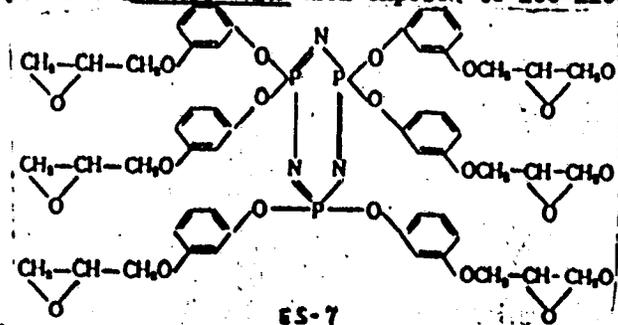
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ACC NR: AP6007964

2

and a subsequent reaction with epichlorohydrine. The reaction was performed either heterogeneously in toluene or xylene or homogeneously in an absolute ethanol-toluene mixture. Maleic anhydride (40%) was used successfully as the hardening agent, but the plastic produced had a low thermal stability. Hardening at 180C for 15-20 hr without any hardening agent produced thermoplastics resisting temperatures of 190-230C, having a 350-400 kg/cm<sup>2</sup> and 25-30 kg/mm<sup>2</sup> stability of adhesion-to-metal band and Vickers hardness, respectively. ES-7 did not burn when exposed to 100-1100C for 20 sec.



Orig. art. has: 6 fig.

SUB CODE:07,11/SUBM DATE: none/ ORIG REF: 003

Card 2/2 *ga*

L 43/00-00 EWT(M)/T/ENP(J) LIP(G) LW/RM  
ACC NR: AP6029919 (A) SOURCE CODE: UR/0413/66/000/015/0088/0088

INVENTOR: Nikolayev, A. F.; Zyryanova, T. A.; Balayev, G. A.; Voronova, N. A.;  
Grigor'yeva, G. M. 41/B

ORG: none

TITLE: Preparative method for phosphorus-containing epoxy resins, Class 39,  
No. 184443 (announced by the Leningrad Technological Institute im. Lenovert  
(Leningradskiy tekhnologicheskii institut))

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 88

TOPIC TAGS: fire resistant material, epoxy plastic

ABSTRACT: An Author Certificate has been issued for a preparative method for phosphorus-containing epoxy resins based on phosphonitrile chloride oligomers and epoxy compounds in the presence of caustic soda. To improve the fire resistance of the resins and to simplify the method, the phosphonitrile chloride oligomers are condensed with glycidol. (SM)

SUB CODE: 11/ SUBM DATE: 09Jul64/ATA Press: sc:8

Card 1/1 2/17

UDC: 678.64'42 678.85

BALAYEV, I., uchitel' khimii

How I reduced the amounts of reagents used in the preparation  
of gases in the Kipp generator. Khim.v shkole 14 no.5:78  
S-0 '59. (MIRA 12:12)

1. Narukovskaya srednyaya shkola Gor'kovskoy oblasti.  
(Gases) (Chemical apparatus)

BALAYEV, I.I., uchitel'

Apparatus for preparing acetylene and studying its properties.  
Khim. v shkole 15 no.2:45-47 Mr-Apr '60. (MIRA 14:5)

1. Naruksovskaya srednyaya shkola Gor'kovskoy oblasti.  
(Acetylene)

BALAYEV, I.I., uchitel'

Practical home assignments and observations in chemistry in grade  
seven. Khim. v shkole 17 no.2:45-50 Mr-Apr '62. (MIRA 15:3)

1. Srednyaya shkola s.Naruksovo, Gor'kovskaya oblast'  
(Chemistry—Study and teaching)

BALAYEV, I.I., uchitel'

Obtaining oxygen from hydrogen peroxide by using liquid catalyzers.  
Khim. v shkole 15 no.3:60-62 My-Je '60. (MIRA 14:7)

1. Naruksovskaya srednyaya shkola, Gor'kovskoy obl.  
(Chemistry--Experiments) (Oxygen)

BALAYEV, I. I.

How to show the working principle of a vacuum bucket for  
extracting liquid aluminum from a vat. Khim. v shkole 17  
no.4:69 J1-Ag '62. (MIRA 15:10)

(Vacuum apparatus)

BALAYEV, I.I., uchitel'

Development and improvement of equipment and visual aids for a secondary school chemistry course. Khim. v shkole 18 no.1:59-61 Ja-F '63.  
(MIRA 16:4)

1. Srednyaya shkola s. Naruksovo, Gor'kovskaya oblast'.  
(Chemical laboratories—Equipment and supplies)

BALAYEV, L.G. Cand Tech Sci -- (diss) "Certain <sup>problems in</sup> ~~questions~~ of the  
prognosis of additional deformations of loess soils beneath  
irrigation canals." Mos, 1957. 15 pp with <sup>graphs</sup> ~~diagrams~~ 20 cm.  
(Mos Inst of Engineers of Water Resources in <sup>V.R. Vil'yans</sup> ~~V.R. Vil'yans~~). 100 copies.  
(KL, 23-57, 112)

BALAYEV, L.G., -kand.tekhn.nauk

Porosity of loess soils of the Ak-Gaza Plateau. Nauch. zap.  
MIIVKH 23:30:00 '60. (MIRA 14:8)  
(Porosity) (Ak-Gaza--Loess)

BALAYEV, L.G., kand.tekhn.nauk

Relation between the extent of settling deformations of loess soils  
and their moisture content. Nauch. zap. MIIVKH 23:49-66 '60.

(MIRA 14:8)

(Loess) (Soil mechanics)

BALAYEV, L.G., kand.tekhn.nauk

Settling deformations of loess soils under irrigation canals of the  
Vakhsh irrigation system in the Tajik S.S.R. Nauch. zap. MIIVKH  
23:07491 '60. (MIRA 14:8)  
(Vakhsh Valley--Irrigation canals and flumes)  
(Loess) (Soil mechanics)

BALAYEV, I.G.

Methods for studying the rhythmical litological non-uniformity of loess and their significance for paleogeographical structures. Izv. AN SSSR. Ser. geog. no.1:128-137 Ja-3 '61. (MIRA 14:2)

1. Laboratoriya gidrologicheskikh problem Severo-Kavkazskogo otdeleniya AN SSSR.  
(Divnoye region (Stavropol Territory)--Loess)

BALAYEV, L.G.

Upward movement of suspended moisture in steppe-type soils,  
Pochvovedenie no. 2:63-69 F '61. (MIRA 14:2)

1. Laboratoriya gidrogeologicheskikh problem AN SSSR,  
Severo-Kavkasskoye otdeleniye, Stavropol'.  
(Soil moisture)

BALAYEV, L.G.

Results of experiments on water evaporation from the surface of capillary menisci. Pochvovedenie no.2:82-85 F '63. (MIRA 16:3)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut.  
(Evaporation)

BALAYEV, Lev Grigor'yevich; TSAREV, Petr Vasil'yevich; FOPOV, I.V.,  
doktor geol.-miner. nauk, prof., otv. red.; ZOLOTOV, P.F.,  
red.izd-va

[Loess in central and eastern Ciscaucasia] Lessovye porody  
TSentral'nogo i Vostochnogo Predkavkaz'ia. Moskva, Izd-vo  
"Nauka," 1964. 247 p. (MIRA 17:4)

*Dalman, N. P.*

1. CHKHIKVADZE, D. I.; BALAYEV, N. P.
2. USSR (600)
4. Coypou
7. Raising young nutrias in a semi-free state.  
Kar. i sver. 5 no.5, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

USSR/Soil Science. Mineral Fertilizers

J

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58322, By S.A.Nikitin

Author : Balayov P. M., Karastoyanova R. S.

Inst : ~~Timiryazev~~ Agricultural Academy

Title : Fertility of the Genetic Horizons of Peat-Podzol Soils and their Effect on the Assimilability of Phosphorus Fertilizers

Orig Pub : Izv. Timiryazevsk. c-kh., 1957, No 2, 77-97

Abstract : As a result of experiments with oats planted in vegetation vessels filled with substrata obtained from peat-podzol agrillaceous soil of the Experimental Station of Field Cultivation it became clear that the plowed soil horizon from which the plants absorb a considerable amount of fertilizer is microbiologically the most fertile and active. Least fertile is the illuvial

Card 1/3

USSR/Soil Science. Mineral Fertilizers

J

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58322, By S. A. Nikitin

Abstract : horizon B<sub>1</sub>; here the sprouts of oats perished in the period of branching. The application of mineral fertilizers improved the development of the plant in all variants of the experiment. Oats planted on a podzol horizon grew to a height comparable to that of plants grown on a plowed horizon. Oats developed poorly when horizon B<sub>1</sub> was transferred to the podzol horizon with the plowed horizon remaining on the top, and grew even more poorly when the illuvial horizon was transferred to the top with the plowed horizon taking place of the illuvial horizon. When manure and lime were applied, the mass of oats grown on the illuvial horizon was 1.5 smaller than that grown in the other variants of the experiment. The mass of oat roots in the illuvial horizon was half of the mass of roots in

Card 2/3

USSR/Soil Science. Mineral Fertilizers

J

Abs Jour : Ref Zhur-Biol., No 13, 1958, 58322, By S. A. Nikitin

Abstract : the plowed horizon, and 1.5 times smaller than the mass of roots in the podzol horizon. The premise that peat-podzol soils can be radically improved by terraced plowing with the turning over of the soil so that the illuvial horizon will be on the surface, and the suggestion that horizon B<sub>1</sub> be placed in place of podzol horizon are not substantiated by the experiments. A rational method of increasing the fertility of peat-podzol soils is the gradual enrichment of the podzol horizon with fertilizers with a partial admixture of plowed horizon, and the planting of perennial bean and grain crops.

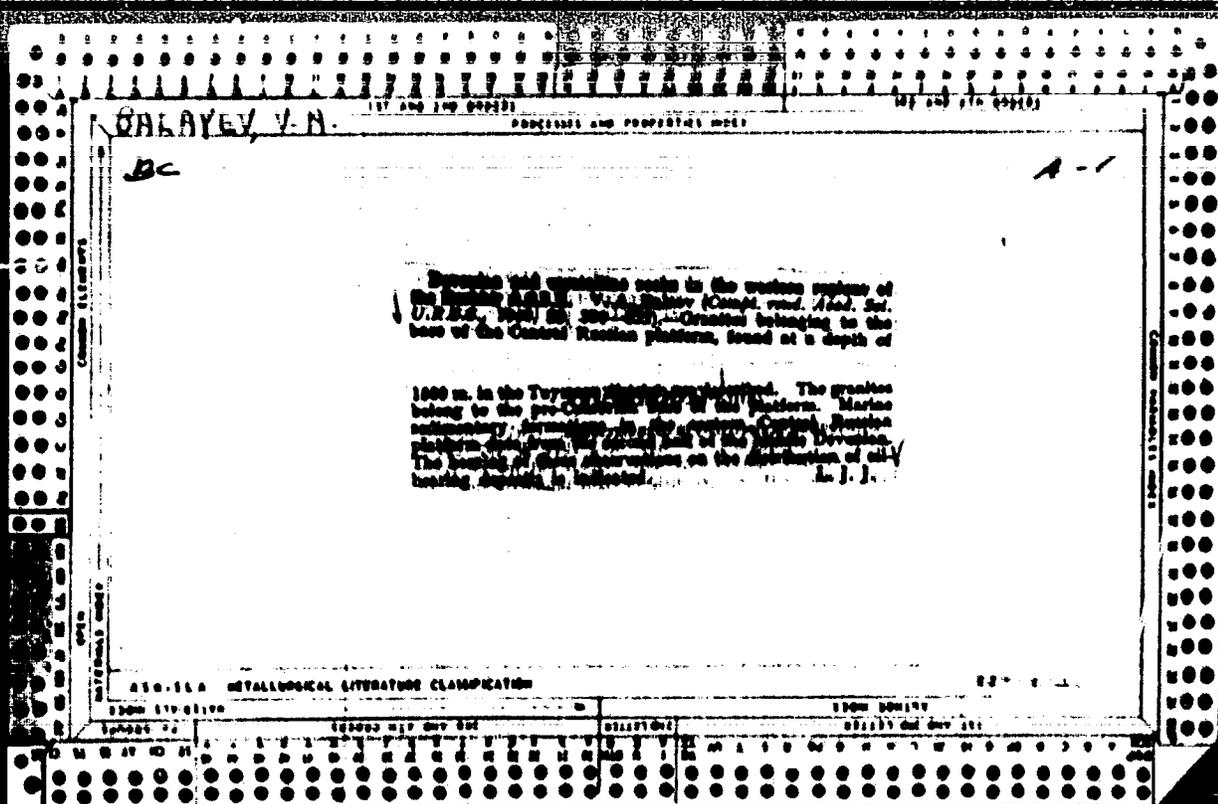
Card 3/3

13

BALAYEV, Petr Mikhaylovich; KARPENKO, M.E., otv. za vypusk; GOLC'NEV, A.A.,  
spets. red.; MEL'NIKOVA, M.S., red.; BALUNOV, A.A., tekhn. red.

[Turf-Podzolic soils and how to improve their fertility] Chernovo-  
podzolistye pochvy i puti povysheniia ikh plodородiia. Moskva,  
1960. 24 p. (MIRA 14:11)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.  
(Podzol) (Soil fertility) (Tillage)



Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 8,  
p 183 (USSR) 15-57-8-11391D

AUTHOR: Balayev, V. A.

TITLE: Devonian Deposits of the Central and Southern Areas  
of a Volga-Ural Province (Vtoroy Baku) and Their  
Petroleum Potential /Dovonskiye otlozheniya tsentral'-  
nykh i yuzhnykh rayonov Volgo-Ural'skoy provintsii  
(Vtorogo Baku) v svyazi s perspektivami ikh nefte-  
nosnosti)

ABSTRACT: Bibliographic entry on the author's dissertation for  
the degree of Doctor of Geological and Mineralogical  
Sciences, presented to Geol. in-t AN SSSR, Saratovsk.  
un-t (Geological Institute of the AS USSR, University  
of Saratov), Moscow, 1956

ASSOCIATION: Geol. in-t AN SSSR, Saratovsk. un-t (Geological  
Institute of the AS USSR, University of Saratov)

Card 1/1

BLAYEV, V.A.; YEGOROVA, N.P.

New data on the Pashisk Series. Dokl. AN SSSR 108 no.5:910-912  
Je '56. (MIRA 9:10)

1. Institut geologicheskikh nauk Akademii nauk USSR. Predstavleno  
akademikom S.I. Mironovym.  
(Donets Basin--Geology, Stratigraphic)

BALAYEV, V.A.

Main stages in the development of tectonic structures of the  
Devonian period in the Volga-Ural region. *Biul. MOIP. Otd. geol.*  
31 no. 3: 37-55 My-Je '56. (MLRA 9:12)  
(Volga Valley--Geology, Stratigraphic)  
(Ural Mountain region--Geology, Stratigraphic)

BALAYEV, Vasilii Alekseyevich (Saratov State Univ imeni Chernyshevskiy)  
awarded sci degree of Doc Geologo-Mineralogical Sci for the 7 Mar 57  
defense of dissertation: "Devonian deposits of the central and southern  
regions of Volgo-Ural province (Second Baku) and prospects of their  
being oil-bearing" at the Council, Geol Inst, AS, USSR; Prot No 17,  
21 Jun 58.

(BMVO, 12-58,20)

~~BAIAYEL, V.A.~~ YEGOROVA, N.P.

On the tectonic development of the Ufa Plateau. Dokl. AN SSSR 112  
no.5:923-926 F '57. (MLRA 10:4)

1. Geologicheskiy institut Akademii nauk SSSR. Predstavleno  
akademikom S.I. Mironovym.  
(Ufa--Geology, Structural)

SOV/5-58-6-3/13

AUTHOR: Balayev, V.A.

TITLE: Main Developmental Stages of Large Tectonic Formations in the Carboniferous and Permian Periods in the Volga-Ural Province (Osnovnyye etapy razvitiya krupnykh tektonicheskikh struktur v kamennougol'noye i permskoye vremya na territorii Volgo-Ural'skoy provintsii)

PERIODICAL: Byulleten' Moskovskogo obshchestva ispytateley prirody, Otdel geologicheskiiy. 1958. Nr 6. p 25 - 41 (USSR)

ABSTRACT: This article is a continuation of an article published by the author in Nr 5 (1956) of this periodical. The author gives a very detailed description of the region which forms the eastern part of the Russian Plateau. Citing the works of numerous geologists he describes the tectonic transformations in this

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SOV/5-58-6-3/13

Main Developmental Stages of Large Tectonic Formations in the Carboniferous and Permian Periods in the Volga-Ural Province

region from the Upper-Devonian up to the upper Permian periods. He distinguishes six well-defined geotectonic stages: 1) the Lower-Paleozoic stage; 2) the Eifelian-Lower Shchigry (Upper Devon) stage; 3) the Upper-Shchigry-Lower Tournaisian stage; 4) the Upper Tournaisian - Namurian stage; 5) the Vereya (Middle Carbon)-Artinsk (Lower Permian) stage, and 6) the Kungur - Upper Permian stage. The following geologists are mentioned by the author: M.L. Kiligina, V.I. Troyepol'skiy, S.S. Ellern, V.M. Pozner, M.I. Fadeyev, A.I. Kleshchev, V.A. Kirov, V.V. Petropavlovskiy, V.N. Krestovnikov, T.I. Shlykova, L.N. Rozanov,

Card 2/3

SOV/5-58-6-3/13

Main Developmental Stages of Large Tectonic Formations in  
the Carboniferous and Permian Periods in the Volga-Ural  
Province

B.M. Keller, V.D. Nalivkin, A.A. Trofimuk,  
D.F. Shamov and N.M. Strakhov. There are  
2 maps, 2 sets of profiles and 15 Soviet  
references.

Card 3/3

BALAYEV, V.A.

Topotypic and standard cross sections of the horizons of Middle  
and Upper Devonian divisions in the Volga Valley portion of the  
Urals. Uch.zap. SGU 74:7-17 '60. (MIRA 15:7)  
(Volga-Ural region--Geology, Stratigraphic)

BALAYEV, V.A.; KONDRAT'YEVA, M.G.

Oil and gas potentials of Devonian sediments in the southwestern regions of Saratov Province. *Izv. vys. ucheb. zav.; neft' i gas* 3 no.10:3-8 '60. (MIRA 14:4)

1. Saratovskiy gosudarstvennyy universitet imeni N.G.Chernyshevskogo.  
(Saratov Province--Petroleum geology)  
(Saratov Province--Gas, Natural--Geology)

BALAYEV, V.A.; KAMALTDINOV, M.A.; YAKUTOV, I.A.

Recent data on Devonian deposits in the southern part of the cis-Ural area of Bashkiria. Dokl. AN SSSR 135 no.4:917-920 '60.

(MIRA 13:11)

1. Saratovskiy gosudarstvennyy universitet im.N.G.Chernyshevskogo. Predstavleno akademikom N.M.Strakhovym.

(Mugush Valley--Geology, Stratigraphic)

BALAYEV, Vasilii Alekseyevich; PISTRAK, R.M., retsenzent; SARKISYAN, S.G., retsenzent; TRCFIMUK, A.A., retsenzent; KOROBOVA, I.E., red.; ZENIN, V.V., tekhn. red.

[Devonian sediments in the central and southern regions of the Volga-Ural Province in connection with oil potential. 28 diagrams and maps] Devonskie otlozhenia tsentral'nykh i iuzhnykh raionov Volgo-Ural'skoi provintsii v sviazi s perspektivami ikh neftenosnosti. Saratov, Izd-vo Saratovskogo univ., 1961. 294 p. — 28 skhem i kart. (MIRA 15:6)  
(Volga-Ural region--Petroleum geology)

BALAYEV, V.A.; VEL'KOV, A.M.; KONDRAT'YEVA, M.G.

Jointing of Devonian carbonate rocks in the Volga Valley  
portion of Saratov Province. Izv.vys.ucheb.zav.; neft' i gaz 4  
no.7:17-22 '61. (MIRA 14:10)

1. Saratovskiy gosudarstvennyy universitet im. M.G.Chernyshevskogo.  
(Saratov Province--Petroleum geology)  
(Joints (Geology))

BALAYEV, V.A.; MOROZOV, S.G.

Types of sections of Pre-Devonian deposits in western Bashkiria and the prospects for finding oil and gas in them. Izv.vys.ucheb. zav.; neft' i gaz 6, no.9:9-12 '63. (MIRA 17:2)

1. Saratovskiy gosudarstvennyy universitet im. N.G.Chernyshevs-kogo.

ACC NR: RF6017117

SOURCE CODE: UR/0048/65/029/012/2205/2224

AUTHOR: Balalayev, V. A.; Dzholepov, B. S.; Modvedev, A. I.; Uchevatkin, I. F.; 50  
Shestopalova, S. A. 22ORG: All Union Scientific Research Institute of Metrology, im. D. I. Mendeloyev  
(Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii) 8TITLE: New data on Ce sup 135 decay [This paper was presented at the 15th Annual  
Conference on Nuclear Spectroscopy and the Structure of the Atomic Nucleus, held in  
Minsk from 25 January to 2 February 1965]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 12, 1965, 2205-2224

TOPIC TAGS: radioactive decay, cerium, electron spectrum, electron energy,  
radioisotope, gamma spectrum, electron transition

ABSTRACT: To verify the electron transitions of <sup>135</sup>Ce<sup>19</sup> having energies of 87 ± 1 and 120 ± 1 kev, a new study was made of the conversion electron spectra of the isotope in the electron energy range from 42 to 85. Earlier studies had included energies up to 2660 kev, but since the energy of <sup>135</sup>Ce decay can reach 28000 kev, this study was extended from 2660 to 3090 kev. The results obtained are compared with those of K. Takahashi, et al., J. Phys. Soc. Japan, Vol. 19, No. 11, p 2014 (1964) in a table, and a systematic discrepancy is noted: the Japanese energy measurements are consistently lower (ranging from 0.3 to 2.7%) than those obtained in this paper.

Cord 1/2 2

L 20070-00

ACC NR: AP6017117

8

In the remainder of the paper the authors treat the relative intensities in the gamma-ray spectrum of  $\text{Ce}^{135}$ , determine the multipolarity of the transitions in  $\text{La}^{135}$ , plot curves for the photoelectron spectrum of  $\text{Ce}^{135}$ , tabulate transition intensities for the decay of  $\text{Ce}^{135}$ , tabulate transition intensities for the decay of  $\text{Ce}^{135} \rightarrow \text{La}^{135}$ , calculate 35 energy coincidences among the transitions between the excited states of  $\text{La}^{135}$ , discuss the decay scheme of  $\text{Ce}^{135}$ , and analyze the balance of intensities over the levels of  $\text{La}^{135}$ . The authors thank Ye. Ye. Bondar', A. Meshter, and L. I. Shalayev for assistance in making the measurements; K. Ya. Gromov and Zh. T. Zhelev for supplying the sources; N. A. Lebedev for the chromatographic separations of fractions; L. K. Pekar for useful discussions, and N. N. Kolesnikov for calculating the mass difference of the nuclei  $\text{Ce}^{135} \rightarrow \text{La}^{135}$ . Orig. art. has: 4 figures and 6 tables. [JPRS]

SUB CODE: 20 / SUEN DATE: none / ORIG REF: 014 / OTH REF: 002

Card 2/2

FV

20654-66 EWT(1)/EYT(m) DIAAP/IJP(c) JD/JG/AT  
 ACC NR: AP6017120 SOURCE CODE: UR/0048/65/029/012/2250/2254

AUTHOR: Balalayev, V. A.; Dehlepov, B. S.; Medvedev, A. I.; Meshter, A. 50 B

ORG: All-Union Scientific Research Institute of Metrology im. D. I. Mendeloyev  
 (Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii); Radium Institute im.  
V. G. Khlopin, AN SSSR (Radiyevyy institut AN SSSR) 27

TITLE: New data on the conversion electron spectra of La sup 140 [This paper was  
 presented at the 15th Annual Conference on Nuclear Spectroscopy and the Structure of  
the Atomic Nucleus, held in Minsk from 25 January to 2 February 1965.]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 12, 1965, 2250-2254

TOPIC TAGS: electron spectrum, lanthanum, spectrometer, electron energy

ABSTRACT: The purpose of this paper is to refine the data on the conversion electrons  
 of La<sup>140</sup> at energies above 2.2 Mev. The authors use the 2 X 11 (2)† beta spectrometer  
 of the All-Union Scientific Research Institute of Metrology. Conversion lines of  
 transitions both above and below 2200 kev are plotted in curves and tabulated. No  
 lines were observed in the range from 2530 to 2830 kev. The line K432 was found to  
 differ from earlier results. No evidence of doublet structure of the line K1596,  
 claimed by Nakai and Hogg (Phys. Ref. vol. 128, p. 357 (1962)), was observed. The  
 authors thank L. N. Moskvina for preparing the sources. Orig. art. has: 3 figures  
 and 2 tables. [JPRS]

SUB CODE: 20 / SUEN DATE: none / ORIG REF: 008 / OTH REF: 002

Cord 1/1 ✓ 2

REF ID: A7001796  
 ACC NO: A7001796  
 DTIC( ) JN/30

SOURCE CODE: UR/0048/66/030/008/1314/1321

AUTHOR: Malalayev, V. A.; Dzholepov, B. S.; Medvedev, A. I.; Uchevatkin, I. F.; Shestopalova, S. A.

ORG: All-Union Scientific Research Institute of Metrology Im. D. I. Mendeleev (Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii)

TITLE: Multipole order of the transition with 1095-kev energy in  $Yb^{172}$

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 30, no. 8, 1966, 1314-1321

TOPIC TAGS: radioactive decay, lutetium

ABSTRACT: In recent years this matter has been the subject of sharp discussion. Stautberg et al. (Phys. Rev., 130, 1901 (1963)) claim that the multipole order of the transition with 1095-kev energy in  $Yb^{172}$  is  $M1 + 5\% E2$ , whereas Guenther et al. (Nucl. Phys., 61, 65 (1965)) conclude that it is  $M1 + 52\% E2 + 0.2\% E2$ ; both these findings diametrically contradict the authors' earlier findings (Dzholepov et al. Izv. AN SSSR, Ser. Fiz., 28, 64 (1964)) that the multipole order of this transition is either  $E + 2 (5-5^{+7})\% M1$  or  $E1 + (15+1)\% E2$ . To clarify this matter a new method of investigation was adopted: a  $Lu^{171} + Lu^{172}$  preparation was employed, since one of the transitions occurring in  $Yb^{171}$  during the decay of  $Lu^{171}$  has a known multipole order (with reference to the 740-kev transition). The results obtained were found to be in virtual agreement with the earlier findings of the authors:

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0925-1683

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ACC NR: AP7002796

K1095 =  $(2.5 \pm 0.4) 10^{-3}$ . It is not yet clear why Stautborg et al. and Guenther et al. drew other conclusions from their measurements of angular correlation, but there cannot be any doubt as to the quantity K1095. Orig. art. has: 2 figures, 1 formula and 3 tables. [JPRS: 39,040]

SUB CODE: 18,20 / SUBM DATE: none / ORIG REF: 006 / OTH REF: 006

Card 1/1

MUZGIN, V.N.; ZOLOTAVIN, V.L.; GAVRILOV, F.F.; BALAYEV, V.N.

Spectral analysis of vanadium by the vaporization method. Zav.  
lab. 30 no.6:697-699 '64 (MIRA 17:8)

1. Ural'skiy politekhnicheskiy institut imeni Kirova.

BAIAENT, V.V.

Diagnostic photoscopy and the study of the contour of excreta-  
tions in determining the direction of the traumatizing force.  
Sud.-med. ekspert. 7 no.3:18-22 31-8 '64.

(MIRA 17:10)

1. Kafedra sudetnoy meditsiny (zav. - prof. V.M. Smolyaninov)  
11 Moskovskogo meditsinskogo instituta imeni Pirogeva.

LIVYY, G.V., kand. tekhn. nauk; KAZARINA, N.N., inzh.; GIL'MAN, B.A., inzh.;  
FASTOVETS, O.S., inzh.; MOROZYUK, N.I., inzh.; LITVINOV, Sh.I.,  
inzh.; SAGAYDACHNYY, V.G., inzh.; BALAYEV, Ya.V., inzh.;  
FITSA, A.S., inzh.

Manufacture of leather for lining and accessories from the  
face split of DOL type pigskins. Kozh.-obuv. prom. 7 no.6:  
29-32 Je '65. (MIRA 18:8)

BALAYEV, Ye.Ye.; BALYUKOV, I.I., tekhnolog; ISAYEVA, R.A.; KOTOV, V.I.;  
TIMOFEYEV, N.G., master; MAYAKIN, N.I., pomoshchnik мастера

Is there a need for warp hangers in automatic weaving? Tekst.-  
prom. 22 no.9:37-38 S '62. (MIRA 15:9)

1. Zaveduyushchiy proizvodstvom Pavlovo-Pokrovskoy fabriki  
Moskovskogo oblastnogo soveta narodnogo khozyaystva (for Balayev).
2. Tekhnicheskiy otdel Pavlovo-Pokrovskoy fabriki Moskovskogo  
oblastnogo soveta narodnogo khozyaystva (for Balyukov).
3. Starshiy normirovshchik Pavlovo-Pokrovskoy tkatskoy fabriki  
Moskovskogo oblastnogo soveta narodnogo khozyaystva (for Isayeva).
4. Nachal'nik tsekha Pavlovo-Pokrovskoy tkatskoy fabriki  
Moskovskogo oblastnogo soveta narodnogo khozyaystva (for Kotov).  
(Weaving) (Automatic control)

BALALA YEV, Yu.P.; BOKSHTEYN, S.Z.

Ultrasonic high temperature heating and its use for heat treatment in the investigation of metals and alloys. Fiz. met. i metalloved. 16 no. 6:872-876 D '63. (MIRA 17:2)

1. Voronezhskiy politekhnicheskii institut.

JUBAREV, Ye.H., prof.; GRAHENKO, I.K., prof.; BALAYEV, Yu.V.; KOBZAR', N.A.

Significance of urease of Brucella in the pathogenesis of  
brucellosis and its treatment with glutaric acid and adenosine  
triphosphate. *Kaz.med.shur.* 40 no.3:29-32 My-Je '59.

(MIRA 12:11)

1. Iz kafedry biokhimii i fakul'tetskoy terapevticheskoy kliniki  
Rostovskogo meditsinskogo instituta.

(BRUCELLA)

(UREASE)

(GLUTAMIC ACID)

(PHOSPHORIC ACID)

BALAYEV, Z.V., inspektor-priyemshchik

Improvement of the sand-supplying system of the TE3 diesel locomotives. Elek. i tepl. tiaga 5 no.8:18 Ag '61. (MIRA 14:9)

1. Glavnoye upravleniye lokomotivnogo khozyaystva Ministerstva putey soobshcheniya, depo Rubtsovka Zapadno-Sibirskoy dorogi.  
(Diesel locomotives--Equipment and supplies)

BALAYEV, Z.V., Inzhener-proyemshchik

New valve control system of diesel locomotive side shutters.  
Elek.1 tepl.tiaga 5 no.11:29 N '61. (MIRA 14:11)

1. Glavnoye upravleniye lokomotivnogo khozyaystva Ministerstva putey soobshcheniya, depo Rubtsovka Zapadno-Sibirskoy dorogi.  
(Diesel locomotives—Cooling)

BALAYEVA, A. P.

BALOYEVA, A. P. -- "Some Problems of the Blossoming and Seed Formation of Red Clover." All-Union Science Research Institute of Fodder named V. R. Vil'yams. Moscow, 1955 (Dissertation for the Degree of Candidate in Agricultural Sciences.)

So; Knizha ya Letopis' No 3, 1956

BALAYEVA, A.F., kandidat sel'skokhozyaystvennykh nauk.

Bee training plantings and the yields of clover seed. Nauka i pered.  
op. v sel'khoz. 7 no.2:25-27 P '57. (MLRA 10:3)  
(Clover) (Fertilisation of plants) (Honey plants)

DORISENCK, I.T.; GEMEROZOV, M.N.; YEREMEYEV, N.V.; KARAYSHKIN,  
V.V.; KUZOVKOV, N.T.; DORISENOK, I.T.; KULIKOVSKAYA, N.V.;  
SAVINOV, G.I., kand.fiz.-mat. nauk, dots. [deceased];  
PIROGOV, I.Z.; Primalni uchastiye: BALAYEVA, I.A.; BALAKIN,  
B.M.; BELYAYEVA, G.M.; BELYAKOV, V.I.; VELERSHTEYN, R.A.;  
ZHARKOV, G.M.; KOROLEVA, V.Ye.; LITVIN-SEDOY, M.Z.; POPOV,  
A.I.; PRIVALOV, V.A.; STUKALOVA, L.M.; CHISTYAKOV, A.I.;  
SAVIN, A.B., red.; CHISTYAKOVA, K.S., tekhn. red.

[Laboratory work in theoretical and applied mechanics] Labo-  
ratornyi praktikum po obshchei i prikladnoi mekhanike. Mo-  
skva, Izd-vo mosk. univ. 1963. 233 p. (MIRA 16:12)

1. Kafedra prikladnoy mekhaniki Moskovskogo gosudarstvennogo  
universiteta (for Balayeva, Balakin, Belyayeva, Belyakov,  
Velershteyn, Zharkov, Koroleva, Litvin-Sedoy, Popov, Privalov,  
Stukalova, Chistyakov).

(Mechanics--Laboratory manuals)

L 10146-63

EWT(d)/BDS--AFFTC/ASD/APGC--Pg-4/Pk-4/P1-4/

Pn-4/PO-4/Pq-4--BC

ACCESSION NR: AP3000890

S/0179/63/000/002/0136/0137

AUTHOR: Balayeva, I. A.; Cherпасov, V. A. (Moscow)

78

TITLE: On one method for the determination of the initial deviation of a gyroscopic compass.

SOURCE: AN SSSR. Izv. Otd. tekhn. nauk. Mekhanika i mashinostroyeniye, no. 2, 1963, 136-137

TOPIC TAGS: gyrocompass, initial deviation, true meridian reading, gyrocompass oscillation.

ABSTRACT: This theoretical paper is based on the premise that an adequately exact determination of the true meridian by means of a gyrocompass requires that the inherent oscillations of the instrument be eliminated from its readings. The paper adduces a method for the determination of the free oscillations of the instrument based on Ya. N. Roytenberg's indirect method (PMM, v.25, no.3, 1961) for the determination of the initial deviations of control systems in which the initial value of all phase coordinates of the system is determined by a

Card 1/2

I. 10146-63  
ACCESSION NR: AP3000890

measurement of the increments of one of several coordinates, and wherein a knowledge of the position of the reference origin of a measured coordinate is not required. The use of such an indirect method for the determination of the initial values of all generalized coordinates in a gyrocompass is of interest per se, since the majority of the coordinates of a gyrocompass are not susceptible to measurements and the position of the reference system is unknown. The equations of the precessional motion of a gyrocompass are formulated, and an expression is found for the deviation of the gyrocompass at a given moment from the true meridian. An expression is then derived for the determination of the position of the true meridian with the elimination of said deviation. A numerical example is worked out for a typical gyrocompass. There are 11 numbered equations, 1 figure, and 1 table.

ASSOCIATION: none

SUBMITTED: 07Dec62

DATE ACQ: 12Jun63

ENCL: 00

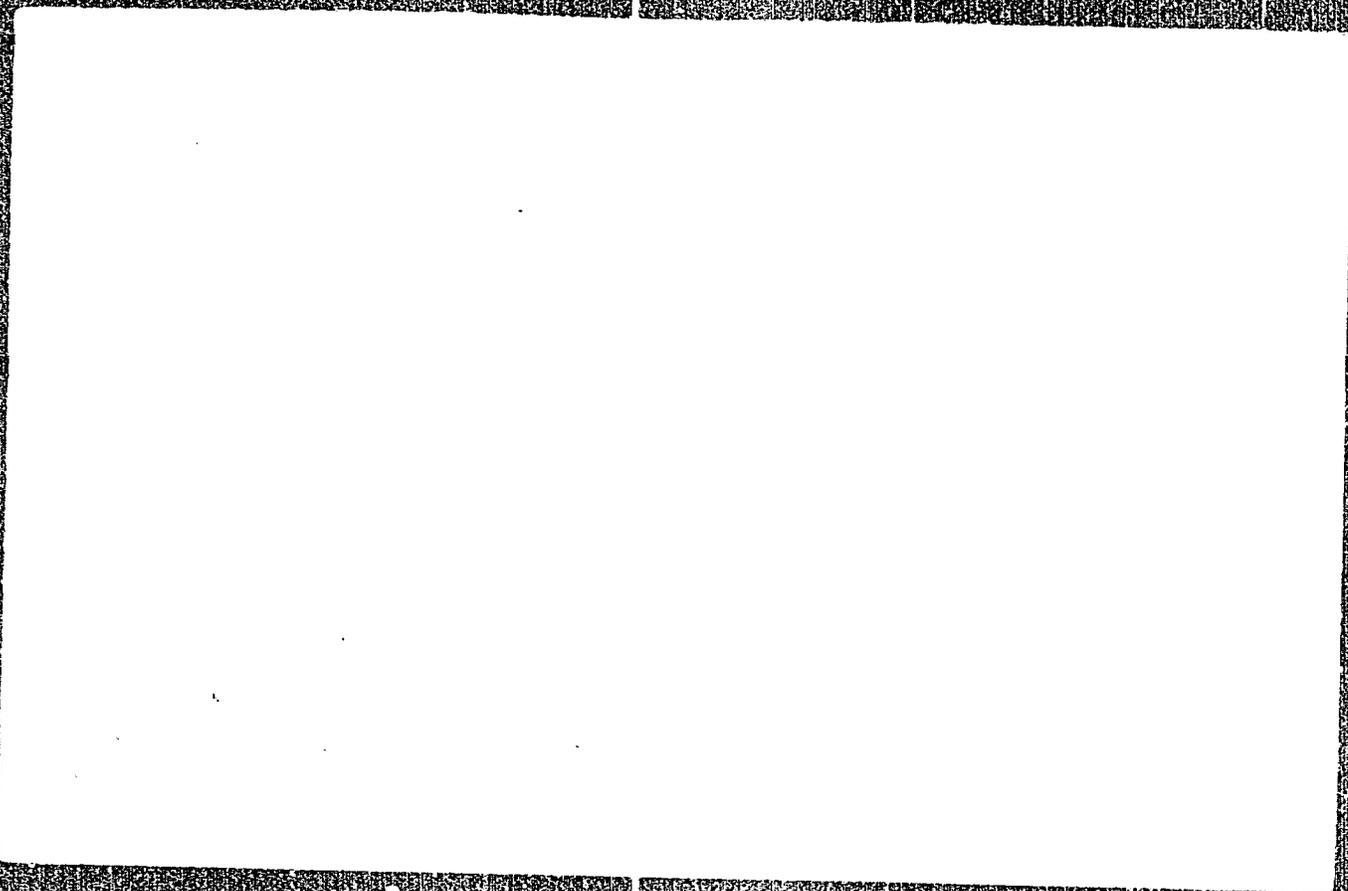
SUB CODE: CG,MM,MD

NR REF SOV: 002

OTHER: 000

Card

*W/ack*  
2/2



KRASNIK, F.I.; BALAYEVA, I.Zh.

Some data on Q fever in the Tuva Autonomous Republic;  
according to materials of a serological study. Trudy Len.  
inst. epid. i mikrobiol. 25:66-69 '63. (MIRA 17:1)

1. Iz otdela osobo opasnykh infektsiy Leningradskogo  
instituta epidemiologii i mikrobiologii imeni Pastera i  
Sanitarno-epidemiologicheskoy stantsii Tuviniskoy Avtonomnoy  
Respubliki.

GIBSIMAN, Aleksandr Yevgen'yevich, doktor tekhn. nauk, prof.; BALAYEVA, Konkordiya Aleksandrovna, kand. tekhn. nauk; KOLOMEYETS, Aron Vol'fovich, kand. tekhn. nauk, dots. Prinimal uchastiye ANDREYEV, A.A., inzh.-ekonomist; SAVEL'YEV, A.V., inzh., retsenzent; MALI-MANOV, Yu.I., inzh., red.; KHITROV, P.A., tekhn. red.

[Cutting the costs of construction work in the electrification of railroads] Snizhenie stoimosti stroitel'nykh robot pri elektrifikatsii zheleznykh dorog. Moskva, Vses. poligr. ob'edinenie M-va putei soobshchenia, 1961. 123 p. (MIRA 14:10)  
(Railroads—Electrification) (Railroads, Electric—Cost of construction)

BALAYEVA, K.A., kand.tekhn.nauk

Potentials for reducing the cost of dwellings in the construction  
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'63. (MIRA 17:4)

ZAKHAROVA, O.H., dotsent; MALAYEVA, L.P.

Surgery of the sympathetic trunk in endarteritis obliterans.  
Sov.med. 23 no.6:74-79 Je '59. (MIRA 12:9)

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Spiridonov) Saratovskogo meditsinskogo instituta.  
(SYMPATHECTOMY)  
(ENDARTERITIS ther.)

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Method of operation for removal of the third left thoracic  
sympathetic ganglion in obliterating endarteritis. Khirurgiia  
36 no.3:122-124, Mar '60. (MIRA 13:12)  
(ARTERIES--SURGERY) (NERVOUS SYSTEM, AUTONOMIC--SURGERY)

BALAYEVA, N. M., Cand of Med Sci -- (USSR) "Biological properties of  
Muzer rickettsia under conditions of prolonged cultivation in the intestine  
lice." Moscow, 1957, 11 pp (Institute of Epidemiology and Microbiology  
in N. F. Gamaleya, Academy of Medical Sciences USSR), 200 copies  
(KL, 37-57, 104)

BALAYEVA, N M.

USSR/Virology - Rickettsias.

E-5

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67004

Author : Balaeva, N.M.

Inst :

Title : A Study of the Properties of Rickettsia mooseri Cultivated in Body Lice (Preliminary Communication).

Orig Pub : Zh. mikrobiol., epidemiol. i immunobiologii, 1957, No 6, 51-57.

Abstract : Body lice were infected with Rickettsia mooseri (strain B, 1946) according to Weigl's method and their properties were studied after the first, the second and the fortieth subinoculation on lice. The rickettsias, starting with the first subinoculation produced a morbid infection in lice. The author points out a disagreement with data given by P.L. Soliterman (1948) and A.V. Grembovskoy (1951). Biological properties of rickettsias were maintained for ten months (observation time) without alteration in the

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USSR/Virology - Rickettsias.

E-5

Abs Jour : Ref Zhur - Biol., No 15, 1958, 67004

body of lice, a fact that is contrary to the opinion of many foreign researchers who claim that the Rickettsias mooseri are rapidly transformed into the Rickettsia prowazekii in those cases, when exanthematic rat-borne typhus proceeds under conditions of lice infestation and overcrowded living conditions.

Card 2/2

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Studying biological properties of *Rickettsia mooseri* following prolonged cultivation in clothes lice. Report No.2: Oxidizing capacity of *Rickettsia mooseri* in the presence of glutamic acid. Zhur.mikrobiol.epid. i immun. 28 no.8:14-16 Ag '57. (MIRA 11:2)

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- (RICKETTSIA TYPHI, metabolism,  
oxidizing capacity in presence of glutamic acid of  
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- (P&DIGULI,  
oxidizing capacity of *Rickettsia typhi* in presence  
of glutamic acid after prolonged cultivation in louse  
(*Rus*))
- (OXIDATION-REDUCTION,  
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(RICKETTSIA,  
mooseri, electron microscopy after prolonged cultivation  
in body louse (Rus))  
(RICKETTSIA PROVAZEKII,  
electron microscopy after prolonged cultivation in body  
louse (Rus))  
(MICROSCOPY, ELECTRON,  
of Rickettsia mooseri & prowazekii after prolonged cultivation  
in body louse (Rus))

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(RICKETTSIA) (ANTIGENS AND ANTIBODIES)

KUL'BERG, A.Ya.; TARKHANOVA, I.A.; BALAYEVA, N.N.

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no.12:66-69 D '61.

(MIRA 14:12)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F.Gamalei  
(dir. - chlen-korrespondent AN SSSR O.B.Baroyan), Moskva.  
Predstavlena deystvitel'nym chlenom AN SSSR V.L.Troitskim.  
(PAPAIN) (ANTIGENS AND ANTIBODIES) (SERUM)